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SUGAR REPORTS

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE
WASHINGTON, D.C. APRIL 1964 NO. 143

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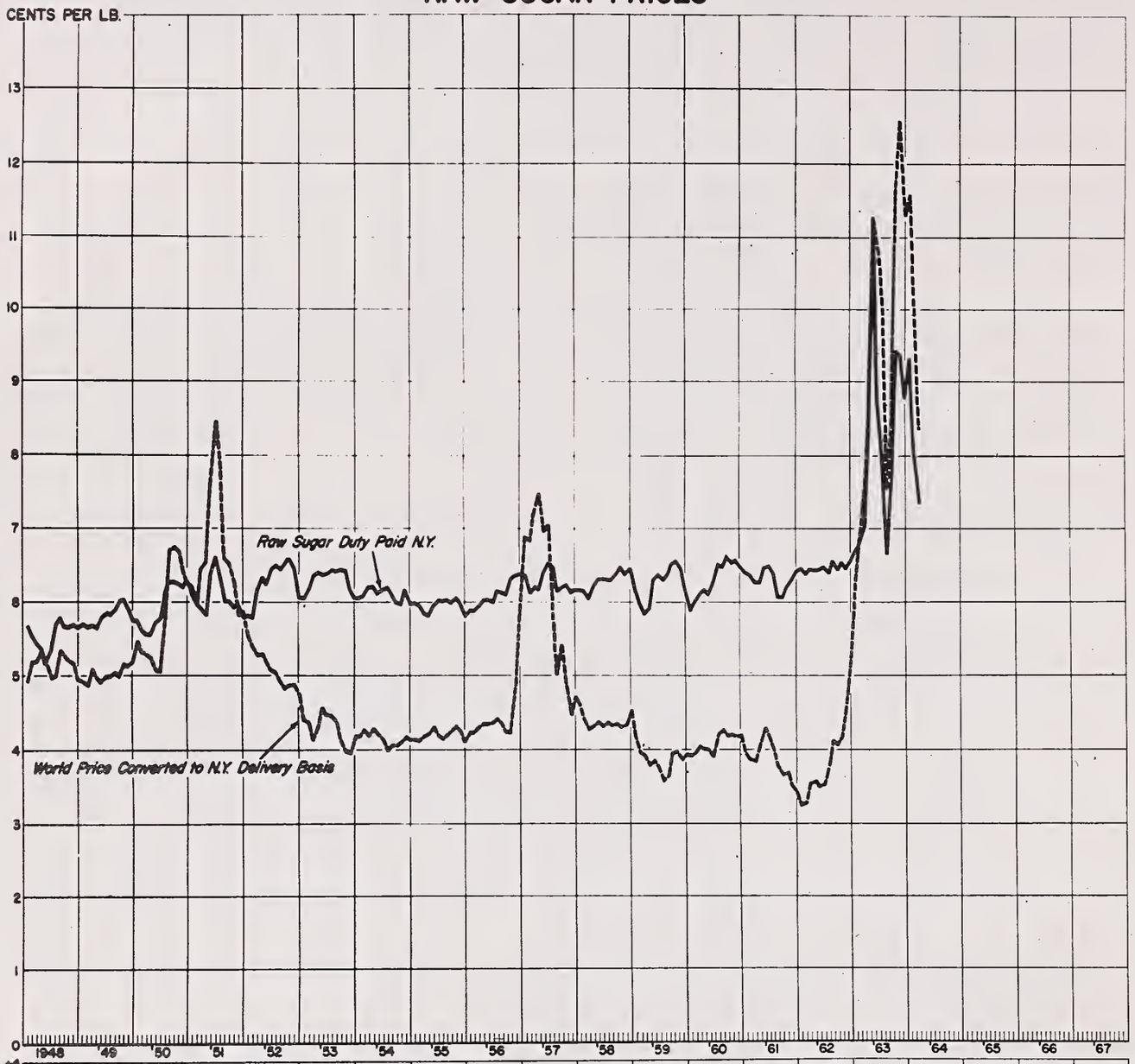
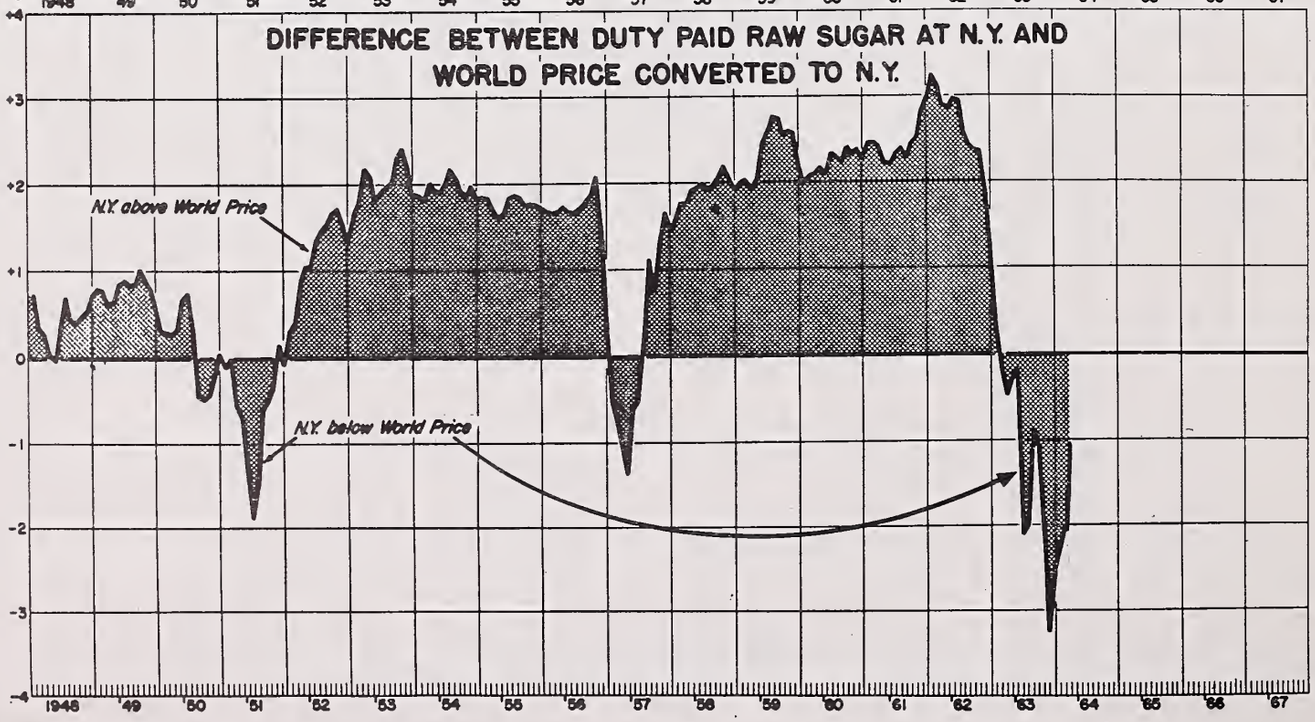
RAW SUGAR PRICES



DIFFERENCE BETWEEN DUTY PAID RAW SUGAR AT N.Y. AND WORLD PRICE CONVERTED TO N.Y.



MARKET REVIEW

On the basis of preliminary reports, sugar deliveries for continental United States consumption during the first quarter of 1964 totaled 1,881,000 tons or 136,000 tons less than the 1959-63 average for this period. However, physical deliveries of sugar, including constructive deliveries, during January-March 1964 amounted to 2,068,000 tons or only 13,000 less than the average deliveries during January-March 1959-63.

While the rate of deliveries during the first quarter of 1964 might indicate a reduction in invisible stocks (those held by secondary distributors and users) of as much as 75,000 tons, such stocks remain at a relatively high level. It is estimated that those year end stocks increased about 100,000 tons during each of calendar years 1962 and 1963.

Cane refiners' receipts during the first quarter of 1964 were about 350,000 tons less than for the same period last year. This reduction in receipts represented the working-off of a part of the large stocks held at the end of 1963. As of March 28, 1964, refiners reported total stocks of 1,076,000 tons, 70 percent or more than 400,000 tons higher than the average of 632,000 tons for total stocks held by refiners on March 31 for the five year period 1959-63.

The reduction of over 300,000 tons in refiners stocks since the beginning of the year represents a reduction in raw sugar stocks since refined stocks were slightly higher at the end of March. Raw stocks as of March 28, 1964, were reported as totaling 709,000 tons, or 116 percent higher than the 1959-63 average of 329,000 tons of raw sugar stocks held by refiners at the end of March.

Beet sugar deliveries during the first quarter of this year totaled 497,000 tons which would leave a balance of 1,635,000 tons undelivered from the January 1, 1964 effective inventory, or about 200,000 tons more than the balance for the same 1963 period. In most recent years the January-September deliveries of beet sugar have approximated the amount of the effective inventory. During the five year period 1959-63, deliveries during January-September were 98.6 percent of the effective

inventory on January 1. In 1963, January-March deliveries totaled 559,000 tons, which left a balance of 1,439,000 tons from the effective inventory at the beginning of 1963 for delivery in the second and third quarters. Beet sugar processors will have available over 200,000 tons more sugar to market during April-September 1964 than the 1,395,000 tons delivered during the same months last year.

In addition to the 497,000 tons of beet sugar reported as deliveries during the first quarter of 1964 there were 170,000 tons of 1963 constructive deliveries that were physically delivered during this period or a total of 667,000 tons. Physical deliveries of beet sugar during January-March 1963 totaled 585,000 tons.

On April 6 refiners announced a further decline of 0.35 cent in the wholesale quotation for cane sugar in the Northeast to 11.25 cents per pound. The average quotation in this territory for the period January 1 - April 15 was 12.34 cents per pound.

Wholesale quotations for refined sugar as of April 15 were as follows:

	Cane	Beet
	Cents per pound in 100 lb. paper bags	
Northeast	11.25	
New York Metropolitan Area	11.15	
Southeast	10.50	
Gulf	10.30	
Eastern beet		9.90
Chicago-West	10.10	9.90
Lower Pacific Coast	10.55	10.55
Northwest-Intermountain	10.50	10.50

The average spot quotation for raw sugar, duty paid and delivered at New York for the period January 1 to April 15 was 8.12 cents per pound and on April 15 the price was 7.20 cents. On a comparable basis, the average was 1.72 cents per pound below the world price average and the April 15 New York price was 2.05 cents below the April 15 world quotation.

Hawaiian sugar production as of April 9, 1964 totaled 248,000 short tons, raw value, or 80,000 tons above last year's production at approximately the same date.

Through April 12, 1964, Puerto Rican sugar production was about 625,000 short tons, raw value, or 56,000 tons above last year's production to the same date.

Reports of Cuban production through March 31 circulated in early April placed such production at 1,950,000 metric tons, only 575,000 tons above the official figure for production through February. For a time this created considerable apprehension as to its implications on the size of the total Cuban crop. Later, it became widely accepted that the production figure actually represented production through March 15 rather than through March 31. A trade publication about mid-April reported that Cuban production through March 1964 totaled 2,505,000 metric tons or 218,000 tons more than during the same period last year.

The Preparatory Committee of the International Sugar Council met in London on March 23, 1964 to consider the final draft of the committee report to the Council on the basic provisions of a new international sugar agreement. The Committee made a thorough study of all of the proposals submitted in previous sessions and the report is now in process of final preparation.

The final report will be distributed to all countries in the near future for study prior to the Council meeting in June. While the changes, if any, proposed for a new agreement are unknown, it has been widely known for more than a year that the developing countries desire a greater share of the world market and a higher price range to improve their income from sugar exports. How to accomplish this presents problems. For instance, high price objectives could be self-defeating by stimulating possible uneconomic production in both exporting and importing countries.

The United States Department of Agriculture issued a press release on March 5 revising its estimate for 1963-64 world sugar crop to 59.4 million short tons, an increase of 700,000 tons above the Department's first official estimate release in November of 1963. Detailed estimates by individual countries will be released in June.

A private sugar statistical organization (F. O. Licht) has released its first estimate of plantings for the 1964 sugar beet crop in both Western and Eastern Europe. Total Western European plantings are put at

1,927,000 hectares for 1964 compared with 1,788,315 as its second estimate for last year. For Eastern Europe the 1964 figure is 5,653,000 hectares compared with 4,533,500 as its second estimate for 1963. For all of Europe the total is 7,580,000 hectares as the first estimate for 1964 which is 20 percent higher than the 6,321,815 as the second estimate for 1963.

ADMINISTRATIVE ACTIONS

Date announced	Nature of action
March 10, 1964	Announcement that the entire 39,799-ton quota deficit made available for importation from Western Hemisphere countries (press release USDA 756-64, dated March 6, 1964) has been committed for importation as follows: Dominican Republic - 34,733 short tons, raw value and Guatemala 5,066 short tons, raw value
March 17, 1964	Determination of fair and reasonable prices for the 1963-64 crop of sugarcane in Puerto Rico. (See March 20, 1964 Federal Register).
March 26, 1964	Three commitments -- totaling 14,585 acres estimated to yield 29,300 tons of sugar -- from the national sugarbeet acreage reserve for use by new producers in localities where existing beet sugar factories will be substantially expanded effective for the 1964 crop. Only those farms on which sugarbeets were not grown for delivery to a processor for the extraction of sugar in any of the three crop years 1961, 1962 and 1963 are eligible for this reserve acreage. Today's action completes the commitment of the national sugarbeet acreage reserve which will be made for new facilities and expansion through 1965. (See April 1, 1964 Federal Register).

Date announced	Nature of action
March 27, 1964	Proposed revision of requirements which must be met to import sugar or liquid sugar into the continental United States. The proposal is contained in a "Notice of Proposed Rule Making," which is scheduled for publication in the April 1 Federal Register. Interested persons are invited to submit written data, views, or arguments regarding the proposal to the Director of the Sugar Policy Staff not later than April 21. Copies of the notice containing the proposed revisions are available from the Sugar Quota Branch, Policy and Program Appraisal Division, Agricultural Stabilization and Conservation Service, U.S. Department of Agriculture, Washington, D. C. 20250, (See April 1, 1964 Federal Register).
March 31, 1964	Amendment 3 to Sugar Determination 842.2 revises the definition of local producing area with respect to abandonment and crop deficiency payments in the Beet Sugar Area. (See March 31, 1964 Federal Register).
March 31, 1964	Amendment 1 to Sugar Determination 874.16 provides for tolling arrangements between processors for the 1963 crop of Louisiana sugarcane. (See March 31, 1964 Federal Register).
April 3, 1964	Announcement that consideration is being given to the need for establishing farm proportionate shares (acreage allotments) for the 1965 sugarcane crop in the Mainland Cane Sugar Area (Florida and Louisiana).

Date announced	Nature of action
April 3, (cont'd) 1964	Simultaneously, the Department announced that consideration also is being given to limiting 1964 acreage credit, for use in establishing 1965-crop proportionate shares, to those acreages planted to sugarcane on or prior to April 15, 1964. Pursuant to the Sugar Act, proportionate shares are required in any domestic area when the production of sugar from a crop will be greater than the quantity needed to enable the area to meet its quota and provide a normal carryover inventory. A public hearing on 1965 proportionate shares will be held, at a time and place to be announced later by the Department, to receive the views and recommendations of interested persons on this subject. Views and comments on proposal on 1964 acreage credit may be submitted in writing to the Director, Sugar Policy Staff, Agricultural Stabilization and Conservation Service, U. S. Department of Agriculture, Washington, D.C. 20250, postmarked no later than midnight May 1, 1964. (See April 9, 1964 Federal Register).
April 3, 1964	Determination of fair and reasonable wage rates for sugar beet work in all producing regions, effective today, April 3. These rates will continue in effect until amended, superseded, or terminated. (See April 7, 1964 Federal Register).
April 17, 1964	Extended from April 15 to May 1, 1964, the date by which 1964-crop sugarcane may be planted in the Mainland Cane Sugar Area and acreage credit given for use in establishing 1965-crop proportionate shares (acreage allotments).

Date announced	Nature of action
April 17 1964	Announced the commitment of the balance of the sugarbeet acreage reserve available under the Sugar Act. One commitment (of 20,000 acres) was made to farms in the Phoenix, Arizona locality, and the other (33,000 acres) was made to farms in Aroostook County, Maine. Both of the new plants will begin operations for the 1966 crop.

STATISTICAL SERIES IN THIS ISSUE

HIGHLIGHTS

1. February 1964 sugar deliveries for continental U. S. consumption, 582,000 short tons, raw value, down about 59,000 from January 1964 and down 23,000 tons from February 1963. January-February 1964 deliveries, 1,223,000 short tons, raw value, down about 112,000 tons from the January-February 1963 period. Final data for January 1964 deliveries 641,000 -- previously published preliminary as 609,000 tons.

2. Primary distributors' stocks February 29, 1964 were 2,580,879 short tons, raw value, up 454,000 tons from a year earlier and up 2,000 tons from end January 1964. During February beet processors' stocks increased by about 30,000 tons, mainland sugarcane processors' stocks by about 34,000 tons, and importers of direct-consumption sugar stocks by about 3,000 tons; refiners' stocks decreased by about 65,000 tons.

3. Charges to 1964 quotas to March 31, 1964 were 2,526,911 short tons, raw value, leaving a balance of 7,273,308 short tons, to be supplied within the 9,800,000 ton total.

4. Regionally, January deliveries, 1964 as compared with 1963, were down to 4 regions and up to 1 -- Decreases: North Central 26.7 percent, Western 14.5 percent, Middle Atlantic 7.8 percent, Southern 6.7 percent; Increase: New England 8.3 percent.

5. Calendar 1963 sugar deliveries were larger to five of the seven industrial user groups than for 1962, and also larger for two of the non-industrial groups. To industrial buyers the national increase was 4.8 percent, and to non-industrial buyers 0.5 percent. The national total increase was 2.9 percent. Corn refiners' total domestic shipments of corn sirup and dextrose were up 8.7 percent.

Table 1. - Sugar supply and disposition by primary distributors, January 1964

(Short tons, raw value)

Item	Beet processors 1/	Importers	Mainland cane processors 2/	Refiners: Raw	Refiners: Refined	Net total
	(1)	(2)	(3)	(4)	(5)	(6)
			SUPPLY			
1. Inventory Jan. 1, 1964	1,023,631	43,143	49,647	1,022,035 2/	348,297 2/	2,486,753
2. Production and movement						
a. Received as direct-consumption sugar	0	5,240	0	0	0	5,240
b. Produced from beets or cane	479,179	0	111,558	6,186	1,250)	
Less deliveries to refiners	0	0	60,247	0	) 0)	537,926 3/
c. Receipts of raws by refiners	0	0	0	197,264 4/	0)	-302,973 5/
Less raws melted	0	0	0	500,237	0)	
d. Refined from raws melted	0	0	0	0	487,309	487,309
e. Adjustments	-18	-336	-3,148	+8,289	+2,599	+7,386
f. Sub-total	479,161	4,904	48,163	-288,498	491,158	734,888
3. Net total supply	1,502,792	48,047	97,810	733,537	839,455	3,221,641
			DISPOSITION			
4. Distribution for						
a. Quota purposes	127,988	12,370	9,695	451	490,533	641,037
b. Export	0	0	0	0	1,251	1,251
c. Livestock feed	0	0	0	0	0	0
d. Sub-total	127,988	12,370	9,695	451	491,784	642,288
5. Inventory Jan. 31, 1964	1,374,804	35,677	88,115	733,086 6/	347,671 6/	2,579,353
6. Total distribution and inventory	1,502,792	48,047	97,810	733,537	839,455	3,221,641

1/ Establishments that acquire no raw sugar from others for refining. Processor-refiners are included with refiners.

2/ Includes Mainland cane sugar not charged to quota: Raws, 62,814; Refined, 32,388; total, 95,202.

3/ Production less deliveries of raw sugar to refiners.

4/ Includes 46,347 tons received from mainland cane processors.

5/ Receipts of raw sugar by refiners less melt.

6/ Includes mainland cane sugar not charged to quota: Raws, 64,160; Refined, 28,897; Total, 93,057.

Table 2.- Distribution of sugar by primary distributors, January 1964 and 1963

Item	1964	1963	Change 1963 to 1964
	Short tons, raw value		
Continental United States			
Refiners' raw	451	889	- 438
Refiners' refined	491,784	547,130	-55,346
Sub-total	492,235	548,019	-55,784
Beet processors' refined	127,988	170,888	-42,900
Importers' direct consumption	12,370	16,454	- 4,084
Mainland sugarcane processors'	9,695	2,346	+ 7,349
Total	642,288	737,707	-95,419
For: Export	1,251	2,357	- 1,106
Livestock feed 1/	0	5,577	- 5,577
Continental consumption	641,037	729,773	-88,736
Puerto Rico		9,301	
Hawaii	2,601	2,885	-284

1/ Includes deliveries for United States Military forces at home and abroad.

Table 3.- Stocks of sugar held by primary distributors in the continental United States, January 31, 1964 and 1963

Item	1964	1963	Change 1963 to 1964
	Short tons, raw value		
Refiners' raw	733,086	347,104	+385,982
Refiners' refined	347,671	225,057	+122,614
Sub-total 1/	1,080,757	572,161	+508,596
Beet processors' refined	1,374,804	1,461,079	-86,275
Importers' direct consumption	35,677	22,798	+12,879
Mainland sugarcane processors'	88,115	51,726	+36,389
Total	2,579,353	2,107,764	+471,589

1/ Included mainland cane sugar not charged to quota: 1964 - Raws, 64,160; Refined, 28,897; total, 93,057; 1963 - Raws, 27,893; Refined, 13,774; Total 41,667

Table 4.- Distribution of sugar by primary distributors in the continental United States, February and January-February 1964 and 1963

Item	1964		1963	
	February	Jan.-February	February	Jan.-February
	Short tons, raw value			
Refiners	384,752	876,987	423,885	971,904
Beet processors' refined	185,059	313,047	169,277	340,165
Importers' direct consumption	9,174	21,544	13,432	29,886
Mainland sugarcane processors'	4,071	13,766	2,884	5,230
Total	583,056	1,225,344	609,478	1,347,185
For: Export	1,400	2,651	3,705	6,062
Livestock feed 1/	0	0	484	6,061
Continental consumption	581,656	1,222,693	605,289	1,335,062

1/ Includes deliveries for U. S. military forces at home and abroad.

Table 5.- Stocks of sugar held by primary distributors in the continental United States, February 29, 1964 and February 28, 1963

Item	1964	1963	Change 1963 to 1964
	Short tons, raw value		
Refiners' raw	659,434	405,792	+ 253,642
Refiners' refined	356,248	273,082	+ 83,166
Sub-total	1,015,682	678,874	+ 336,808
Beet processors' refined	1,404,613	1,366,629	+ 37,984
Importers' direct consumption	38,949	22,053	+ 16,896
Mainland sugarcane processors'	121,635	59,529	+ 62,106
Total	2,580,879	2,127,085	+ 453,794

Table 6.- Mainland sugar: Production and quota charges January 1964 and 1963

Item	1964	1963	Change 1963 to 1964
	Short tons, raw value		
Production			
Mainland cane	116,153	86,590	+29,563
Domestic beet	479,161	264,044	+215,117
Total	595,314	350,634	+244,680
Quota charges:			
Mainland cane:			
Louisiana sugarcane processors			
For further processing	17,452	0	+17,452
For direct-consumption	896	437	+ 459
Louisiana processor-refiners	9,888	10,934	- 1,046
Florida sugarcane processors	51,594	51,481	+ 113
Sub-total	79,830	62,852	+16,978
Beet processors	127,988	170,888	-42,900
Total	207,818	233,740	-25,922

Table 7.- Sugar receipts of refiners and importers by source of supply 1/ January 1964 and 1963

Source of supply	Raw sugar		Direct-consumption sugar		Total	
	1964	1963	1964	1963	1964	1963
	Short tons, raw value					
Offshore						
Foreign						
Argentina	2,129	7,461			2,129	7,461
Australia		38,981				38,981
Belgium		84				84
Brazil	5,657	10,501			5,657	10,501
British West Indies			2		2	
Canada			1	10	1	10
Dominican Republic	10,651	38,133			10,651	38,133
Ecuador		5,393				5,393
France			1,179		1,179	
Germany, West				10		10
Haiti		5,804				5,804
Hong Kong			10	10	10	10
Mexico	34,001		10		34,011	
Panama	3,285				3,285	
Peru	13,380	20,139			13,380	20,139
Philippines	18,007		635	803	18,642	803
Reunion		10,966				10,966
South Africa	30,420	27,604			30,420	27,604
Turkey				9,221		9,221
United Kingdom			3	10	3	10
Total foreign	117,530	165,066	1,840	10,064	119,370	175,130
Domestic						
Hawaii	33,289	63,740	0 2/	0 2/	33,289	63,740
Puerto Rico			3,400	1,476	3,400	1,476
Sub-total	33,289	63,740	3,400	1,476	36,689	65,216
Total all offshore	150,819	228,806	5,240	11,540	156,059	240,346
Mainland cane area	52,533	42,545	1,250 3/	0 3/	53,783	42,545
Acquired for reprocessing and samples	98	467	0	0	98	467
Grand total	203,450	271,818	6,490	11,540	209,940	283,358

1/ Includes sugar as detailed in Table 8.
2/ Refined sugar received by refiners.
3/ Refined sugar produced direct from cane by processor-refiner.

Table 8.- Receipts of quota-exempt and over-quota sugar included in Table 7.

Purpose	Refiners		Importers		Total	
	1964	1963	1964	1963	1964	1963
	Short tons, raw value					
For: Export		10,961		0		10,961
Livestock feed		0	1,179	9,221	1,179	9,221
Later release:						
Bonded		0		0		0
In customs custody		0	1	0	1	0
Total		10,961	1,180	9,221	1,180	20,182

Table 9.- Status of 1963 quotas and charges as of March 31, 1964

Source of supply	Quotas and prorations	Total charges 1/	Balances: Total	Balances: Direct-consumption limits
	Short tons, raw value			
Domestic beet sugar	2,698,590	485,000	2,213,590	no limit
Mainland cane sugar	911,410	235,000	676,410	no limit
Hawaii	1,110,000	222,940	887,060	33,516
Puerto Rico	915,000 2/3/	191,734	723,266	121,724
Virgin Islands	15,832	523	15,309	0
Total domestic areas	5,650,832	1,135,197	4,515,635	155,240
Republic of the Philippines	1,173,521	173,817	999,704	56,085
Argentina	20,000	10,175	9,825	0
Australia	40,366		40,366	0
Belgium	182		182	182
Brazil	182,363	5,648	176,715	0
British Honduras	974		974	0
British West Indies	91,325		91,325	0
China, Republic of	35,499		35,499	0
Colombia	30,346		30,346	0
Costa Rica	25,193		25,193	0
Dominican Republic	322,096	49,317	272,779	0
Ecuador	25,193		25,193	0
El Salvador	10,306		10,306	0
Fiji Islands	10,020		10,020	0
French West Indies	30,346	5,864	24,482	0
Guatemala	20,326		20,326	0
Haiti	20,326	4,360	15,966	0
India	20,326		20,326	0
Ireland	10,000		10,000	10,000
Mexico	192,096		192,096	0
Nicaragua	25,193		25,193	0
Panama	8,832	2,687	6,145	2,543
Peru	192,096	1,571	190,525	0
South Africa	20,326		20,326	0
Western Hemisphere Deficits	138,056	138,064	0	0
Global quota: Authorized for purchase	1,000,000	1,000,211	0	0
For later authorization	503,861		503,861	
Total foreign countries	4,149,168	1,391,714	2,757,673	68,810
GRAND TOTAL	9,800,000	2,526,911	7,273,308	224,050

1/ Domestic beet and mainland cane sugar marketings partly estimated; all other sugar entered, authorized for entry or set aside as of March 31, 1964.

2/ Despite deficit declared, the quota of 1,140,000 remains available.

3/ In addition, 232 tons of raw sugar were brought in for subsequent return to Puerto Rico.

Table 10.- Foreign countries charges January 1, 1964 - March 31, 1964

Source of supply	Basic	Global	Deficit	Total
		Short tons, raw value		
Republic of the Philippines	173,817	46,356		220,173
Argentina	10,175			10,175
Australia		175,000		175,000
Brazil	5,648			5,648
British Honduras		5,250		5,250
British West Indies		52,170		52,170
China, Republic of		48,300		48,300
Costa Rica		35,350	12,120	47,470
Dominican Republic	49,317	21,464	48,968	119,749
Ecuador		30,200		30,200
El Salvador		10,373		10,373
Fiji Islands		44,828		44,828
France		1,006		1,006
French West Indies	5,864	2,565		8,429
Guatemala		21,200		26,266
Haiti	4,360			4,360
India		96,195		96,195
Madagascar		11,550		11,550
Mexico		222,779	62,730	285,509
Nicaragua		20,555		20,555
Panama	2,687	10,260		12,947
Peru	1,571	33,229	9,180	43,980
South Africa		100,981		100,981
Southern Rhodesia		10,600		10,600
Total	253,439	1,000,211	138,064	1,391,714

In addition to quantities shown, there is in Custom's custody: Hong Kong, 5 tons.

Table 11.- Quota-exempt sugar 1/ entered under Sections 211(a) and 212(4) as of March 31, 1964

Country	For Reexport	For Feed	Sugar under bond	Total
		Short tons, raw value		
France			1,142	1,142
Guatemala	494			494
Total	494		1,142	1,636

1/ In addition a total of 145 tons were entered under provisions of Sec. 212; first 10 tons 107 and liquid sugar in small containers, 38 tons.

Table 12. - Primary distribution of sugar, continental United States, by States, January 1964

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct-consumption sugar	Mainland cane sugar mills	Total
	Hundredweights 1/				
New England					
Connecticut	101,135	4,400	15,800		121,335
Maine	54,462	3,000			57,462
Massachusetts	405,769	25,163	920		431,852
New Hampshire	29,315				29,315
Rhode Island	45,212		200		45,412
Vermont	15,946	5,222			21,168
Sub-total	651,839	37,785	16,920		706,544
Mid-Atlantic					
New Jersey	576,426	42,201	56,154	1,000	675,781
New York	1,265,537	110,573	39,879		1,415,989
Pennsylvania	866,115	81,051	37,733		984,899
Sub-total	2,708,078	233,825	133,766	1,000	3,076,669
North Central					
Illinois	557,857	273,043			830,900
Indiana	269,551	78,794			348,345
Iowa	40,548	64,053			104,601
Kansas	39,046	35,575		300	74,921
Michigan	186,396	199,215			385,611
Minnesota	35,645	80,016			115,661
Missouri	197,140	94,203		300	291,643
Nebraska	18,742	69,011			87,753
North Dakota	26	15,346			15,372
Ohio	432,181	126,280			558,461
South Dakota	3,228	7,806			11,034
Wisconsin	75,582	85,480		4,000	165,062
Sub-total	1,855,942	1,128,822		4,600	2,989,364
Southern					
Alabama	199,326				199,326
Arkansas	75,806	10,239		600	86,645
Delaware	29,112		60		29,172
District of Columbia	23,728		945		24,673
Florida	224,121		27,753	163,355	415,229
Georgia	414,028		220		414,248
Kentucky	161,632	6,999			168,631
Louisiana	261,160			44	261,204
Maryland	310,235	9,688	24,450		344,373
Mississippi	135,419			1,580	136,999
North Carolina	269,251		8,140	1,120	278,511
Oklahoma	82,618	21,616			104,234
South Carolina	124,971		455		125,426
Tennessee	293,467	1,000		250	294,717
Texas	524,427	84,439	4,715	100	613,681
Virginia	169,703	13,600	13,170		196,473
West Virginia	57,504	7,082	50		64,636
Sub-total	3,356,508	154,663	79,958	167,049	3,758,178
Western					
Alaska	4,493	1,142			5,635
Arizona	32,406	17,619			50,025
California	483,151	537,508			1,020,659
Colorado	7,169	40,747			47,916
Idaho	3,764	17,505			21,269
Montana	4,161	30,024			34,185
Nevada	5,300	3,869			9,169
New Mexico	8,233	10,562			18,795
Oregon	38,005	46,185			84,190
Utah	4,418	29,113			33,531
Washington	43,662	108,765			152,427
Wyoming	811	3,705			4,516
Sub-total	635,573	846,744			1,482,317
Grand total	9,207,940	2,401,839	230,644	172,649	12,013,072

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 13. - Primary distribution of sugar, continental United States, by states, January 1964 and 1963

State and Region	Cane sugar refiners		Beet processors		Total all Primary Distributors 1/	
	1964	1963	1964	1963	1964	1963
	Thousands of hundredweights 2/					
New England						
Connecticut	101	118	5		121	118
Maine	55	49	3		58	49
Massachusetts	406	399	25		432	400
New Hampshire	29	22			29	22
Rhode Island	45	38			46	39
Vermont	16	25	5		21	25
Sub-total	652	651	38		707	653
Mid-Atlantic						
New Jersey	576	750	42	4	676	768
New York	1,266	1,378	111	40	1,416	1,456
Pennsylvania	866	971	81	89	985	1,115
Sub-total	2,708	3,099	234	133	3,077	3,339
North Central						
Illinois	558	626	273	727	831	1,353
Indiana	269	261	79	116	348	377
Iowa	40	43	64	111	104	154
Kansas	39	29	36	70	75	100
Michigan	187	240	199	325	386	566
Minnesota	36	53	80	121	116	174
Missouri	197	234	94	108	292	343
Nebraska	19	26	69	95	88	121
North Dakota	*	*	15	21	15	21
Ohio	432	482	126	104	558	586
South Dakota	3	4	8	29	11	33
Wisconsin	76	119	85	130	165	249
Sub-total	1,856	2,117	1,128	1,957	2,989	4,077
Southern						
Alabama	199	212			199	212
Arkansas	76	77	10	5	87	82
Delaware	29	23			29	24
District of Columbia	24	28			25	32
Florida	224	182			415	378
Georgia	414	441			414	446
Kentucky	162	191	7		169	191
Louisiana	261	313			261	316
Maryland	310	287	10		344	300
Mississippi	135	134			137	136
North Carolina	269	315			279	324
Oklahoma	82	117	22	13	104	130
South Carolina	125	145			125	146
Tennessee	294	318	1		295	319
Texas	525	604	84	94	614	700
Virginia	170	188	14	15	196	232
West Virginia	58	57	7	1	65	58
Sub-total	3,357	3,632	155	128	3,758	4,026
Western						
Alaska	5	2	1	*	6	2
Arizona	32	51	18	16	50	67
California	483	575	537	579	1,020	1,154
Colorado	7	7	41	99	48	106
Idaho	4	4	17	18	21	22
Montana	4	4	30	28	34	32
Nevada	5	6	4	4	9	10
New Mexico	8	9	11	14	19	23
Oregon	38	44	46	57	84	101
Utah	5	9	29	46	34	55
Washington	43	50	109	105	152	155
Wyoming	1	1	4	6	5	7
Sub-total	635	762	847	972	1,482	1,734
Grand total	9,208	10,261	2,402	3,190	12,013	13,829

1/ Includes deliveries by importers of direct-consumption sugar and mainland cane sugar mills.
2/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.
* Less than 500 hundredweights.

Table 14.- Sugar deliveries, by type of product or business of buyer and by type of sugar, fourth quarter, 1963 1/

Product or business of buyer	Beet (Total)	Cane (Total)	Imported D.C. (Total)	Total all sugar	Liquid sugar included in totals	
					Beet	Cane
	Hundredweights 2/					
Industrial						
Bakery, cereal and allied products	3,133,009	3,304,362	41,012	6,478,383	37,946	627,761
Confectionery and related products	2,184,908	2,778,211	66,832	5,029,951	33,499	587,383
Ice cream and dairy products	1,044,603	941,872	48,912	2,035,387	284,656	690,992
Beverages	2,301,718	4,260,042	58,050	6,619,810	519,153	2,612,175
Canned, bottled, frozen foods, jams, jellies	2,285,080	1,520,009	100,443	3,905,532	245,686	824,807
Multiple and all other food uses	419,486	896,458	16,581	1,332,525	19,972	139,186
Non-food products	55,200	352,173	1,366	408,739	1,396	76,904
Sub-total	11,424,004	14,053,127	333,196	25,810,327	1,142,308	5,559,208
Non-industrial						
Hotels, restaurants, institutions	23,016	295,767	1,850	320,633	1,960	12,404
Wholesale grocers, jobbers, sugar dealers	5,112,454	7,907,630	251,868	13,271,952	163,632	27,400
Retail grocers, chain stores, super markets	1,909,137	4,359,848	78,107	6,347,092	11,250	14,939
All other deliveries, including deliveries to Government agencies	465,042	544,276	223	1,009,541	9,684	110
Sub-total	7,509,649	13,107,521	332,048	20,949,218	186,526	54,853
TOTAL DELIVERIES	18,933,653	27,160,648	665,244	46,759,545	1,328,834	5,614,061
Deliveries in consumer-size packages (less than 50 lbs.)	3,106,472	10,204,685	58,289	13,369,446		
Deliveries in bulk (unpackaged)	4,616,128	4,672,119	0	9,288,247		

1/ Represents approximately 97.5 percent of deliveries by primary distributors in continental United States.

2/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 15.-Sugar deliveries, by type of product or business of buyer, fourth quarter 1963 and percentage change from fourth quarter 1962

Product or business of buyer	United States	New England	Middle Atlantic	North Central	South	West
			Hundredweights 1/			
Industrial						
Bakery, cereal and allied products	6,478,383	137,253	1,428,652	3,166,454	1,024,406	721,618
Confectionery and related products	5,029,951	311,862	1,992,875	1,816,104	367,723	541,387
Ice cream and dairy products	2,035,387	72,986	520,234	684,453	448,477	309,237
Beverages	6,619,810	172,896	1,248,524	2,041,998	2,258,851	897,541
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	3,905,532	248,598	883,337	1,279,449	605,259	888,889
Multiple and all other food uses	1,332,525	36,818	369,699	300,362	144,392	481,254
Non-food products	408,739	8,514	92,441	99,594	206,116	2,074
Sub-total	25,810,327	988,927	6,535,762	9,388,414	5,055,224	3,842,000
Non-industrial						
Hotels, restaurants, institutions	320,633	19,648	40,036	52,489	72,073	136,387
Wholesale grocers, jobbers, sugar dealers	13,271,952	520,978	1,538,489	5,500,966	3,710,183	2,001,336
Retail grocers, chain stores, super markets	6,347,092	340,107	1,172,513	2,139,606	1,918,371	776,495
All other deliveries, including deliveries to Government agencies	1,009,541	46,382	160,045	319,030	301,809	182,275
Sub-total	20,949,218	927,115	2,911,083	8,012,091	6,002,436	3,096,493
TOTAL DELIVERIES	46,759,545	1,916,042	9,446,845	17,400,505	11,057,660	6,938,493
			Percentage change from fourth quarter 1962			
Bakery, cereal and allied products	+11.5	-28.9	- 8.2	+37.1	+ 3.7	- 5.1
Confectionery and related products	+ 1.7	-10.8	- 8.6	+13.8	- 5.8	+26.7
Ice cream and dairy products	+25.6	- 8.8	+58.3	+24.8	+ 6.7	+27.3
Beverages	+ 4.8	- 6.0	- 3.3	+24.5	- 6.3	+13.3
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	+ 8.4	- 1.8	+16.1	+16.2	- 6.4	+ 5.8
Multiple and all other food uses	- 4.2	- 5.1	+12.0	-19.2	-24.3	+ 4.6
Non-food products	-31.0	- 0.2	-51.0	- 6.3	-28.1	+ 1.5
Sub-total	+ 6.3	-10.7	- 1.5	+22.3	- 5.2	+ 9.0
Non-industrial						
Hotels, restaurants, institutions	-13.8	-20.5	-38.8	-32.3	+ 6.8	- 0.5
Wholesale grocers, jobbers, sugar dealers	+ 6.3	-16.8	-12.7	+34.7	-11.3	+ 9.1
Retail grocers, chain stores, super markets	- 4.6	-22.5	-26.6	+11.5	- 5.7	+17.4
All other deliveries, including deliveries to Government agencies	+94.8	+293.8	+43.2	+200.0	+102.7	+30.7
Sub-total	+ 4.6	-15.8	-17.7	+29.5	- 6.7	+11.7
TOTAL	+ 5.5	-13.2	- 7.1	+25.5	- 6.0	+10.2

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 16.- Deliveries of cane and beet sugar by primary distributors in consumer-size packages (less than 50 pounds) fourth quarter and calendar year 1963

Area	Fourth quarter			Calendar year		
	Cane sugar	Beet sugar	Total	Cane sugar	Beet sugar	Total
	Hundredweights 1/					
United States	10,262,974	3,106,472	13,369,446	44,398,159	10,834,083	55,232,242
New England	634,647	3,764	638,411	2,743,817	4,847	2,748,664
Middle Atlantic	1,886,563	166,523	2,053,086	8,601,398	242,051	8,843,449
North Central and West, Combined 2/	3,316,465	2,834,812	6,151,277	13,515,102	10,346,479	23,861,581
South	4,425,299	101,373	4,526,672	19,537,842	240,706	19,778,548

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

2/ Combined to avoid disclosure of individual company data. Total reported distribution in consumer-size packages in these areas: Fourth quarter, North Central, 4,056,749; West, 2,094,528; Calendar year, North Central, 16,142,388; West, 7,719,193.

Table 17.- Deliveries of packaged, bulk and liquid sugar (beet and cane) by primary distributors during calendar years 1963 and 1962 with comparisons

Calendar year	Region					U. S. total	Type of sugar	
	New England	Middle Atlantic	South	North Central	West		Beet	Cane
	1,000 hundredweights 1/							
(1) Total direct deliveries								
1963	8,321	39,345	47,475	59,981	27,626	182,748	55,456	127,292
1962	8,433	39,352	48,046	54,861	26,930	177,622	45,161	132,461
Change	-112	-7	-571	+5,120	+696	+5,126	+10,295	-5,169
(2) Consumer-size packages (granulated, less than 50 lbs.)								
1963	2,749	8,843	19,779	16,142	7,719	55,232	10,834	44,398
1962	2,915	9,404	20,269	15,885	7,638	56,111	9,682	46,429
Change	-166	-561	-490	+257	+81	-879	+1,152	-2,031
(3) Other deliveries, industrial and institutional								
1963	5,572	30,502	27,696	43,839	19,907	127,516	44,622	82,894
1962	5,518	29,948	27,777	38,976	19,292	121,511	35,479	86,032
Change	+54	+554	-81	+4,863	+615	+6,005	+9,143	-3,138
(3a) Bulk granulated								
1963	888 2/	8,573 2/	5,071 2/	14,605 2/	6,062 2/	35,199	15,026	20,173
1962	845	8,822	3,586	12,400	5,736	31,389	12,446	18,943
Change	+43	-249	+1,485	+2,205	+326	+3,810	+2,580	+1,230
(3b) Liquid sugar								
1963	2,109	11,211	6,087	7,609	6,509	33,525	6,214	27,311
1962	2,141	10,752	5,922	7,435	6,561	32,811	5,268	27,543
Change	-32	+459	+165	+174	-52	+714	+946	-232
(3c) Industrial and institutional packages (granulated 50 lbs. and over)								
1963	2,575 2/	10,718 2/	16,538 2/	21,625 2/	7,336 2/	58,792	23,382	35,410
1962	2,532	10,374	18,269	19,141	6,995	57,311	17,765	39,546
Change	+43	+344	-1,731	+2,484	+341	+1,481	+5,617	-4,136

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

2/ Revised

Table 18.- Sugar deliveries, by type of product or business of buyer and by type of sugar, calendar year 1963 1/

Product or business of buyer	Beet (Total)	Cane (Total)	Imported D.C. (Total)	Total All sugar	Liquid sugar included in totals	
					Beet	Cane
	Hundredweights 2/					
Industrial						
Bakery, cereal and allied products	8,391,045	14,620,571	398,101	23,409,717	140,575	2,497,514
Confectionery and related products	5,426,080	11,912,836	533,607	17,872,523	139,062	2,732,233
Ice cream and dairy products	3,271,161	5,271,453	178,062	8,720,676	1,130,261	3,740,420
Beverages	7,043,212	21,401,134	258,538	28,702,884	1,988,074	13,007,407
Canned, bottled, frozen foods, jams, jellies and preserves	8,834,486	7,674,309	759,771	17,268,566	2,142,743	3,655,927
Multiple and all other food uses	1,210,260	3,977,049	66,784	5,254,093	187,457	913,081
Non-food products	107,219	1,237,768	38,873	1,383,860	5,966	315,001
Sub-total	34,283,463	66,095,120	2,233,736	102,612,319	5,734,138	26,861,583
Non-industrial						
Hotels, restaurants, institutions	79,477	1,231,211	9,964	1,320,652	2,479	60,674
Wholesale grocers, jobbers, sugar dealers	14,027,240	35,409,276	1,242,469	50,678,985	381,668	136,001
Retail grocers, chain stores, super markets	6,021,488	18,884,565	366,888	25,272,941	48,508	250,355
All other deliveries, including deliveries to Government agencies	1,044,417	1,812,178	6,219	2,862,814	47,469	2,001
Sub-total	21,172,622	57,337,230	1,625,540	80,135,392	480,124	449,031
TOTAL DELIVERIES	55,456,085	123,432,350	3,859,276	182,747,711	6,214,262	27,310,614
Deliveries in consumer-size packages (less than 50 lbs.)	10,834,083	43,866,959	531,200	55,232,242		
Deliveries in bulk (unpackaged)	15,025,677	20,173,623	-	35,199,300		

1/ Represents approximately 97.5 percent of deliveries by primary distributors in continental United States.

2/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 19.- Sugar deliveries, by type of product or business of buyer, calendar year 1963 and percentage change from calendar year 1962

Product or business of buyer	United States	New England	Middle Atlantic	North Central	South	West
			Hundredweights 1/			
Industrial						
Bakery, cereal and allied products	23,409,717	684,869	5,665,372	10,475,528	3,957,945	2,626,003
Confectionery and related products	17,872,523	1,314,615	8,092,539	5,333,125	1,523,973	1,608,271
Ice cream and dairy products	8,720,676	393,859	1,969,930	2,840,940	2,165,884	1,350,063
Beverages	28,702,884	956,421	6,000,557	7,810,657	10,437,818	3,457,431
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	17,268,566	894,671	3,024,672	4,748,007	2,769,064	5,832,152
Multiple and all other food uses	5,254,093	181,309	1,488,235	1,369,655	494,466	1,720,428
Non-food products	1,383,860	33,990	360,294	374,580	601,839	13,157
Sub-total	102,612,319	4,459,734	26,601,599	32,952,492	21,990,989	16,607,505
Non-industrial						
Hotels, restaurants, institutions	1,320,652	103,542	209,156	184,117	299,497	524,340
Wholesale grocers, jobbers, sugar dealers	50,678,985	2,229,542	6,827,936	18,364,286	16,255,482	7,001,739
Retail grocers, chain stores, super markets	25,272,941	1,439,902	5,141,028	7,784,924	8,112,258	2,794,829
All other deliveries, including deliveries to Government agencies	2,862,814	88,012	565,106	695,478	817,004	697,214
Sub-total	80,135,392	3,860,998	12,743,226	27,028,805	25,484,241	11,018,122
TOTAL DELIVERIES	182,747,711	8,320,732	39,344,825	59,981,297	47,475,230	27,625,627
			Percentage change from calendar year 1962			
Industrial						
Bakery, cereal and allied products	+ 4.5	- 7.3	- 2.0	+11.7	+ 1.2	+ 1.0
Confectionery and related products	+ 3.6	- 5.5	+ 1.9	+ 1.7	+12.3	+22.2
Ice cream and dairy products	+ 9.6	- 3.8	+12.3	+ 5.8	+10.2	+18.1
Beverages	+ 8.6	+ 5.1	+ 5.5	+13.8	+ 5.1	+15.2
Canned, bottled, frozen foods; jams, jellies, preserves, etc.	+ 2.0	+19.9	+ 5.8	+ 4.4	+ 5.1	- 5.0
Multiple and all other food uses	- 1.8	+17.4	+ 3.4	- 4.0	-11.9	- 2.6
Non-food products	-12.4	- 5.9	-25.3	+ 2.9	-12.7	+49.2
Sub-total	+ 4.8	+ 1.7	+ 2.5	+ 8.0	+ 4.3	+ 3.9
Non-industrial						
Hotels, restaurants, institutions	+ 1.5	- 5.4	-10.2	+ 2.7	+16.6	+ 0.4
Wholesale grocers, jobbers, sugar dealers	- 0.3	- 5.3	- 1.7	+10.9	- 8.7	- 2.5
Retail grocers, chain stores, super markets	- 0.7	- 6.2	-13.1	+ 6.9	+ 0.3	+ 6.3
All other deliveries, including deliveries to Government agencies	+35.3	+82.4	+83.1	+108.3	+ 0.6	+13.6
Sub-total	+ 0.5	- 4.6	- 4.9	+11.0	- 5.5	+ 0.6
TOTAL	+ 2.9	- 1.3	*	+ 9.3	- 1.2	+ 2.6

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis. * Less than 0.05 percent.

Table 20.- Dextrose sales, by type of product or business of buyer, fourth quarter 1963 and percentage change from fourth quarter 1962

Product or business of buyer	United States	New England	Middle Atlantic	North Central	South	West
			Hundredweights 1/			
Industrial						
Bakery, cereal and allied products	1,347,197	68,101	212,730	585,266	311,808	169,292
Confectionery and related products	161,867	555	96,147	42,041	12,125	10,999
Ice cream and dairy products	29,710	1,186	9,788	10,444	4,222	4,070
Beverages	194,674	1,815	92,717	59,192	14,848	26,102
Canned, bottled, frozen foods; jams, jellies preserves, etc.	185,341	2,486	44,304	60,823	52,538	25,190
Multiple and all other food uses	162,744	3,442	32,020	68,118	39,306	19,858
Non-food products	399,952	87,335	120,253	77,499	108,508	6,357
Sub-total	2,481,485	164,920	607,959	903,383	543,355	261,868
Non-industrial						
Wholesale grocers, jobbers, sugar dealers, retail grocers, chain stores, super markets	102,888	740	2,669	85,397	3,313	10,769
All other deliveries, including deliveries to Government agencies	17,835	948	6,083	5,001	1,279	4,524
Sub-total	120,723	1,688	8,752	90,398	4,592	15,293
TOTAL SALES	2,602,208	166,608	616,711	993,781	547,947	277,161
			Percentage change from fourth quarter 1962			
Industrial						
Bakery, cereal and allied products	+13.8	+32.2	- 5.4	+25.2	+ 1.6	+27.3
Confectionery and related products	+28.7	-10.9	+43.0	+14.6	+11.4	+ 6.7
Ice cream and dairy products	+ 6.3	-28.3	+41.9	-19.0	+39.4	+17.4
Beverages	+22.1	+24.4	+20.1	+36.5	+ 4.6	+12.5
Canned, bottled, frozen foods; jams, jellies preserves, etc.	+44.1	+64.4	+84.1	+77.6	+ 6.3	+30.1
Multiple and all other food uses	+19.3	-22.4	- 4.8	+34.2	+24.6	+23.7
Non-food products	+ 1.0	-10.3	+14.1	-35.6	+65.7	-13.7
Sub-total	+15.0	+ 4.0	+12.7	+18.0	+12.8	+23.1
Non-industrial						
Wholesale grocer, jobbers, sugar dealers, retail grocers, chain stores, super markets	+106.1	-32.3	+45.0	+182.3	-26.1	-12.1
All other deliveries, including deliveries to Government agencies	-19.2	-36.8	+94.3	-56.4	+77.9	-13.9
Sub-total	+67.7	-34.9	+76.0	+116.7	-11.7	-12.6
Total	+16.7	+ 3.4	+13.3	+23.1	+12.6	+20.4

1/ Reported as produced and sold (typically dextrose hydrate) and excludes small amounts to competitors as well as small quantities used in miscellaneous mixes.

Table 21- Dextrose sales, by type of product or business of buyer, calendar year 1963 and percentage change from calendar year 1962

Product or business of buyer	United States	New England	Middle Atlantic	North Central	South	West
			Hundredweights 1/			
Industrial						
Bakery, cereal and allied products	5,325,393	255,204	939,958	2,160,502	1,254,640	715,089
Confectionery and related products	668,968	3,360	395,625	174,311	53,761	41,911
Ice cream and dairy products	160,261	5,726	44,327	57,390	29,429	23,389
Beverages	760,083	6,963	365,716	242,604	64,684	80,116
Canned, bottled, frozen foods; jams, jellies preserves, etc.	674,188	5,336	119,779	229,307	188,691	131,075
Multiple and all other food uses	666,079	16,119	154,076	267,328	142,132	86,424
Non-food products	1,413,558	305,981	426,050	310,848	339,319	31,360
Sub-total	9,668,530	598,689	2,445,531	3,442,290	2,072,656	1,109,364
Non-industrial						
Wholesale grocers, jobbers, sugar dealers, retail grocers, chain stores, super markets	341,895	4,216	10,542	268,237	15,294	43,606
All other deliveries, including deliveries to Government agencies	73,562	16,064	20,397	16,136	6,240	14,725
Sub-total	415,457	20,280	30,939	284,373	21,534	58,331
TOTAL SALES	10,083,987	618,969	2,476,470	3,726,663	2,094,190	1,167,695
			Percentage change from calendar year 1962			
Industrial						
Bakery, cereal and allied products	+15.6	+30.2	+ 7.5	+21.7	+ 7.9	+19.6
Confectionery and related products	+21.9	+36.0	+17.9	+19.3	+42.6	+53.6
Ice cream and dairy products	+ 1.7	-12.4	+ 8.4	-19.2	+55.5	+15.5
Beverages	+17.8	+20.2	+15.6	+25.4	+ 5.5	+17.5
Canned, bottled, frozen foods; jams, jellies preserves, etc.	+27.4	+53.9	+34.5	+62.0	+25.0	- 9.1
Multiple and all other food uses	+14.7	-24.2	- 7.2	+37.0	+ 5.8	+35.3
Non-food products	- 7.7	-21.0	+ 4.9	-18.4	+ 3.6	+ 4.1
Sub-total	+12.4	- 3.9	+ 9.7	+18.5	+ 9.5	+16.6
Non-industrial						
Wholesale grocer, jobbers, sugar dealers, retail grocers, chain stores, super markets	+41.4	+ 1.2	+33.7	+54.9	- 4.7	+ 7.7
All other deliveries, including deliveries to Government agencies	- 1.6	+267.8	-15.5	-37.8	+64.9	-10.9
Sub-total	+31.3	+137.7	- 3.4	+42.8	+ 8.6	+ 2.3
Total	+13.1	- 2.0	+ 9.6	+20.1	+ 9.4	+15.8

1/ Reported as produced and sold (typically dextrose hydrate) and excludes small amounts to competitors as well as small quantities used in miscellaneous mixes.

Table 22.- Corn refiners' shipments, by type of buyer, fourth quarter 1963 and 1962

Type of buyer	Corn sirup unmixed		Dextrose		All corn sweeteners 2/	
	1963	1962	1963	1962	1963	1962
	Thousand hundredweights, dry basis					
Baking industry	818	600	1,098	950	1,916	1,551
Confectioners	1,767	1,939	148	116	1,916	2,054
Ice cream and other dairy products	482	375	27	26	510	401
Breweries and fountain sirups	239	266	41	34	281	300
Canners, packers, jams, jellies, preserves	714	602	154	108	868	710
Miscellaneous food industries including sugar refiners	439	377	436	389	875	765
Sirup mixers 1/	181	174	16	6	196	180
Non-food uses	142	149	386	365	528	515
Jobbers, etc.	29	25	95	50	124	75
Sub-total 2/	4,811	4,508	2,402	2,044	7,213	6,552
Used in mixed sirups sold by corn refiners	412	438	-	-	412	438
Corn sirup solids 3/	239	217	-	-	239	217
Total domestic 2/	5,462	5,163	2,402	2,044	7,864	7,207
Export	83	47	43	52	126	99
Grand total 2/ (Domestic & export)	5,545	5,209	2,445	2,096	7,990	7,305
Bulk blends 4/	346	269	-	-	346	269

1/ Sirup mixers outside of the corn refining industry, except cane sugar refiners and beet sugar processors; the latter two are included with "Miscellaneous food industries."

2/ Due to rounding, totals may not be exact sums of individual items.

3/ According to the Census of Manufacturers 1958, shipments of corn sirup solids were 63.7 percent of total shipments of miscellaneous refinery products. Since corn sirup solids contain up to 3.5 percent moisture, corn sirup solids dry basis, are estimated as 61.5 percent of shipments of miscellaneous refinery products as reported to the Sugar Division. For earlier treatment of this item see Sugar Reports 93, January 1960, Page 6.

4/ Corn sirup unmixed sales to sugar refiners and beet sugar processors for blending contained in miscellaneous food industries.

NOTE: See Sugar Reports No. 93, January 1960, pages 6-10 for source, methodology and groupings.

Table 23.-Corn refiners' shipments, by type of buyer, calendar year 1963 and 1962

Type of buyer	Corn sirup unmixed		Dextrose		All corn sweeteners 2/	
	1963	1962	1963	1962	1963	1962
	Thousand hundredweights, dry basis					
Baking industry	2,949	2,185	4,382	3,723	7,332	5,907
Confectioners	6,761	6,833	616	505	7,377	7,338
Ice cream and other dairy products	2,131	1,700	148	146	2,279	1,847
Breweries and fountain sirups	1,027	1,237	174	155	1,201	1,393
Canners, packers, jams, jellies, preserves	3,003	2,722	544	463	3,546	3,185
Miscellaneous food industries including sugar refiners	1,524	1,358	1,692	1,524	3,215	2,882
Sirup mixers 1/	606	576	61	23	667	599
Non-food uses	551	554	1,375	1,423	1,926	1,976
Jobbers, etc.	89	86	318	233	407	318
Sub-total 2/	18,642	17,252	9,309	8,194	27,951	25,446
Used in mixed sirups sold by corn refiners	1,453	1,547	-	-	1,453	1,547
Corn sirup solids 3/	997	972	-	-	997	972
Total domestic 2/	21,092	19,770	9,309	8,194	30,401	27,964
Export	223	164	240	136	463	299
Grand total 2/ (Domestic & export)	21,315	19,934	9,549	8,330	30,864	28,264
Bulk blends 4/	1,314	967	-	-	1,314	967

1/ Sirup mixers outside of the corn refining industry, except cane sugar refiners and beet sugar processors; the latter two are included with "Miscellaneous food industries."

2/ Due to rounding, totals may not be exact sums of individual items.

3/ According to the Census of Manufacturers 1958, shipments of corn sirup solids were 63.7 percent of total shipments of miscellaneous refinery products. Since corn sirup solids contain up to 3.5 percent moisture, corn sirup solids dry basis, are estimated as 61.5 percent of shipments of miscellaneous refinery products as reported to the Sugar Division. For earlier treatment of this item see Sugar Reports 93, January 1960, Page 6.

4/ Corn sirup unmixed sales to sugar refiners and beet sugar processors for blending contained in miscellaneous food industries.

NOTE: See Sugar Reports No. 93, January 1960, pages 6-10 for source, methodology and groupings.

Table 24.- Sugar prices

Year and month	Raw cane sugar-spot price: Domestic sugar at N.Y. duty paid 1/	Raw cane sugar-spot price: "World" sugar 2/	Quota premiums and discounts 3/	Refined beet sugar - quoted wholesale (gross) 4/: Eastern	Chicago-West	Pacific Coast
	Cents per pound					
1959-63 Monthly average	6.69	4.10	+1.68	9.10	9.06	9.34
1962 Monthly average	6.45	2.98	+2.58	9.07	8.95	9.07
1963 Monthly average	8.18	8.50	-1.23	10.58	10.34	10.71
1963						
April	8.26	7.65	-0.28	9.50	9.40	9.66
May	11.08	10.36	-0.19	12.54	11.48	12.43
June	8.70	9.92	-2.12	13.43	12.86	13.14
July	7.95	9.05	-2.00	11.26	10.84	11.14
August	6.65	6.63	-0.88	9.58	9.68	9.98
September	7.45	7.63	-1.09	9.40	9.50	9.80
October	9.42	10.67	-2.18	10.35	10.09	10.13
November	9.34	11.63	-3.23	11.74	11.25	11.94
December	8.78	10.36	-2.52	11.61	11.25	12.00
1964						
January	9.29	10.64	-2.28	11.25	11.25	12.00
February	8.02	9.11	-2.02	11.05	11.05	11.21
March	7.33	7.43	-1.03	10.02	10.02	10.63
Last 12-month average	8.52	9.26	-1.64	10.98	10.72	11.17

Year and month	Refined cane sugar - quoted wholesale (gross) 4/: North East	South East	Gulf	Chicago-West	Pacific Coast	Retail U.S. average
	Cents per pound					
1959-63 Monthly average	9.94	9.69	9.65	9.33	9.34	12.02
1962 Monthly average	9.60	9.17	9.03	9.15	9.07	11.70
1963 Monthly average	11.94	11.45	11.30	10.90	10.71	13.58
1963						
April	10.89	10.40	10.23	9.60	9.66	12.00
May	14.09	13.22	13.98	13.87	12.43	12.74
June	14.15	13.62	13.62	13.17	13.14	16.80
July	13.03	12.70	12.57	11.04	11.14	15.84
August	11.42	10.94	10.41	9.88	9.98	14.74
September	10.76	10.59	10.10	9.70	9.80	13.46
October	12.34	11.93	11.67	10.93	10.13	13.22
November	13.43	13.03	12.90	12.53	11.94	14.10
December	12.95	12.27	12.07	11.78	12.00	14.48
1964						
January	13.06	12.49	12.38	11.45	12.00	14.68
February	12.62	11.67	11.47	11.25	11.21	14.92
March	11.85	10.76	10.56	10.22	10.63	
Last 12-month average	12.55	11.97	11.83	11.28	11.17	14.27 5/

1/ Spot prices during 1959-60 were for sugar in bags under Contract No. 6 plus .50 cent per pound duty (Cuban). Beginning with 1961, spot prices are for bulk sugar under Contract No. 7, the terms of which are duty paid or duty free.

2/ Spot prices during 1959-60 based on No. 4 Contract which was for bagged sugar f.a.s. Cuba. Beginning with 1961 spot prices are those under No. 8 Contract which is also for bagged sugar but f.o.b. and stowed at Greater Caribbean ports (including Brazil).

3/ For 1959-60 these amounts are the difference between the spot prices of the No. 6 "Domestic" Contract rolled back to Cuba (minus freight and insurance) and the spot prices of the No. 4 "World" Contract. Beginning with 1961 the No. 7 "Domestic Bulk" Contract has been adjusted by deducting (.625¢) computed freight from Greater Caribbean ports (including Brazil), insurance and unloading charges and adding the bag allowance (currently .055¢) before calculating the differential from No. 8 "World" Contract spot prices.

4/ These are basis prices in 100-pound paper bags, NOT delivered prices. To obtain delivered prices add "Freight Prepays" and deduct discounts and allowances. For illustration see Sugar Reports No. 81, January 1959, pages 5 to 9.

5/ 11 month average

Table 25.- Wholesale prices of sugar, corn sirup and dextrose

Period	Refined sugar wholesale North-east 1/	Dextrose New York 2/ Quoted	Dextrose New York 2/ Dry basis 4/	Corn sirup New York 3/ Quoted	Corn sirup New York 3/ Dry basis 4/	Dextrose relative to refined sugar Quoted	Dextrose relative to refined sugar Dry basis	Corn sirup relative to refined sugar Quoted	Corn sirup relative to refined sugar Dry basis
	Cents per pound					Percent			
1952	8.62	7.29	7.92	7.37	9.18	85	92	85	106
1953	8.72	7.35	7.99	7.32	9.12	84	92	84	105
1954	8.72	7.32	7.96	7.32	9.12	84	91	84	105
1955	8.59	7.22	7.85	7.25	9.03	84	91	84	105
Average 1952-55	8.66	7.29	7.92	7.31	9.10	84	91	84	105
1956	8.77	7.28	7.91	7.15	8.90	83	90	82	101
1957	9.15	7.65	8.32	7.36	9.17	84	91	80	100
1958	9.27	7.66	8.33	7.37	9.18	83	90	80	99
1959	9.33	7.48	8.13	7.31	9.10	80	87	78	98
1960	9.43	7.48	8.13	7.32	9.12	79	86	78	97
1961	9.40	7.45	8.10	7.23	9.00	79	86	77	96
1962	9.60	7.40	8.04	7.01	8.73	77	84	73	91
Average 1956-62	9.28	7.49	8.14	7.25	9.03	81	88	78	97
1963	11.94	8.37	9.10	7.38	9.19	70	76	62	77
1963									
March	10.16	8.10	8.80	7.23	9.00	80	87	71	89
April	10.89	8.10	8.80	7.23	9.00	74	81	66	83
May	14.09	8.10	8.80	7.23	9.00	57	62	51	64
June	14.15	8.25	8.97	7.48	9.32	58	63	53	66
July	13.03	8.70	9.46	7.48	9.32	67	73	57	72
August	11.42	8.70	9.46	7.48	9.32	76	83	65	82
September	10.76	8.70	9.46	7.48	9.32	81	88	70	87
October	12.34	8.70	9.46	7.48	9.32	71	77	61	76
November	13.43	8.70	9.46	7.48	9.32	65	70	56	69
December	12.95	8.76	9.52	7.48	9.32	68	74	58	72
1964									
January	13.06	8.95	9.73	7.48	9.32	69	75	57	71
February	12.62	8.95	9.73	7.48	9.32	71	77	59	74
Last 12-month average	12.41	8.56	9.30	7.42	9.24	69	75	60	74

1/ Gross basis price in 100 pound bags subject to a 2 percent cash discount.
2/ Hydrate, in 100 pound bags.
3/ In drums, price in carload lots, except beginning February 1962 for less than carload lots. Quoted as 42 percent unmixed, except beginning March 1956, quoted as 43 percent unmixed.
4/ Assumes price is for 92 percent solids for dextrose and 80.3 percent solids for corn sirup. Thus, dry basis price is quoted price divided by 0.92 for dextrose and 0.803 for corn sirup.

Table 26.-Refined sugar production and month-end stocks

Year and month	Production		Month-end stocks 1/	
	Cane sugar refiners	Beet processors	Cane sugar refiners	Beet processors
	1,000 short tons, raw value			
1959-63 monthly average	557	203	293	881
1962 monthly average	587	210	267	863
1963 monthly average	573	218	278	874
1963				
April	635	37	209	1,008
May	719	110	213	839
June	531	72	317	752
July	594	64	332	610
August	613	97	328	434
September	600	146	270	299
October	641	569	241	595
November	458	590	339	927
December	453	579	348	1,024
1964				
January	491	479	348	1,375
February 2/	364	215	353	1,405
March 2/	471	129	367	1,350
Last 12-month average	548	257	305	882

1/ Includes over-quota and quota exempt sugar.

2/ Preliminary.

Table 27.- Raw sugar receipts, within quotas for consumption in continental United States, 1963

Area of origin	Month of arrival												Year total
	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
	1,000 short tons, raw value												
	By area of origin												
Domestic													
Hawaii	64	57	62	92	100	84	144	115	83	93	79	60	1,033
Puerto Rico		62	99	99	141	89	122	52	16	22	24		726
Virgin Islands							6	9					15
Sub-total	64	119	161	191	241	173	272	176	99	115	103	60	1,774
Foreign													
Philippines		98	84	132	131	127	104	158	108	65	27	124	1,158
Dominican Republic	38	27	16	63	80	78	86	68	39	27	41	27	590
Brazil	37	92	42		13	37			49	11	84	105	470
Peru	36	49	35	26	31		22	39	33	54	48	40	413
Mexico		30	68	76	78	27	37	17	18	5	12	11	379
Argentina	8		2	20	14		34	23	57	25	24	22	229
Australia	39						13	43	76	37	16		224
British West Indies			29	22	16	36	12		9	11		6	141
South Africa	38	6					32	31		2	23		132
India					12	15	55	17	20				119
French West Indies			11	14	16	22	22	6	3				94
China			11	9	20	11			20				71
Mauritius										55		12	67
Ecuador	5	7	6						10		28		56
Quatemala		6	14	11		12		8					51
Fiji Islands									11	14	12	12	49
Colombia				11		11	3	19	1				45
Costa Rica			3	5	11	5	5	7		5			41
Haiti	6		10	7	10	1			2		4		40
Nicaragua			17	5		7	3					6	38
France					16	7							23
El Salvador				17		2							19
Other *		1	4	23	2	6	12	7					55*
Sub-total	207	316	352	441	450	404	440	443	456	311	319	365	4,504
Total	271	435	513	632	691	577	712	619	555	426	422	425	6,278
	By port of entry												
All areas													
Boston	44	38	40	46	34	51	41	34	39	38	52	32	489
New York	56	114	117	113	182	94	158	114	138	91	163	172	1,512
Philadelphia	24	80	71	76	95	85	75	78	76	11	74	91	836
Baltimore	13	27	43	55	56	38	44	46	49	79	36	35	521
Savannah	0	0	0	17	24	24	35	20	28	25	0	0	173
New Orleans 1/	70	95	144	210	188	189	215	212	143	90	31	46	1,633
Galveston	0	24	36	23	49	23	43	25	25	25	0	0	273
San Francisco	64	57	62	92	63	73	101	90	57	67	66	49	841
Total	271	435	513	632	691	577	712	619	555	426	422	425	6,278
Domestic only													
Boston	0	0	17	0	0	18	17	0	16	0	0	0	68
New York	0	10	0	0	32	12	18	0	0	0	0	11	83
Philadelphia	0	12	36	22	24	0	12	21	0	0	0	0	127
Baltimore	0	12	0	12	0	11	12	0	0	0	37	0	84
Savannah	0	0	0	0	0	0	0	0	0	0	0	0	0
New Orleans 1/	0	29	46	65	85	47	69	40	0	22	0	0	403
Galveston	0	0	0	0	37	12	43	25	25	26	0	0	168
San Francisco	64	56	62	92	63	73	101	90	58	67	66	49	841
Total	64	119	161	191	241	173	272	176	99	115	103	60	1,774

* Countries included in other: Belgium 7; British Honduras, 2; Panama, 6; Reunion, 10; S.Rhodesia, 11; Turkey, 7; and Venezuela, 12.

1/ Includes sugar to inland points.

Table 27.- (Continued) Raw sugar receipts, within quotas for consumption in continental United States, 1963

Area of origin	Port of entry: Boston	New York	Philadelphia	Baltimore	Savannah	New Orleans 1/	Galveston	San Francisco	All ports
	1,000 short tons, raw value								
Domestic									
Hawaii		23		13			156	841	1,033
Puerto Rico	68	54	118	71		403	12		726
Virgin Islands		6	9						15
Sub-total	68	83	127	84		403	168	841	1,774
Foreign									
Philippines		624	195	145	24	159	11		1,158
Dominican Republic	271	33	46	151	24	53	12		590
Brazil	6	155	79	28	26	176			470
Peru		97	113	31	33	139			413
Mexico	70	36	24	17	18	166	48		379
Argentina		83	18	8		120			229
Australia		55	83		29	57			224
British West Indies	23	26	32	10	12	38			141
South Africa		87	45						132
India		50	15			54			119
French West Indies	17	33				33	11		94
China		23	11			37			71
Mauritius		41	12	14					67
Ecuador	11	32				13			56
Guatemala	17	3		5		15	11		51
Fiji Islands			12	25		12			49
Colombia		3				42			45
Costa Rica		10			7	24			41
Haiti	6	13	6			15			40
Nicaragua			7			19	12		38
France		11				12			23
El Salvador						19			19
Other*		14	11	3		27			55*
Sub-total	421	1,429	709	437	173	1,230	105	0	4,504
Total	489	1,512	836	521	173	1,633	273	841	6,278

1/ Includes sugar to inland points.
* Countries included in other: Belgium, 7; Honduras, 2; Panama, 6; Reunion, 10; South Rhodesia, 11; Turkey, 7; and Venezuela, 12.

Table 28.- Direct-consumption sugar receipts within quotas for consumption in continental United States, 1963.

Area of origin or months	Port of entry: New York	Philadelphia	Baltimore	Virginia customs district	Florida customs district	California	Washington and Oregon	Other 1/	All ports
	1,000 short tons, raw value								
	By area of origin								
Puerto Rico	66	14	28	6	26			9	149
Philippines	1	4	6	1	7	6	6	6	37
Other 2/	1	1	9	0	2	0	0	1	14
Total	68	19	43	7	35	6	6	16	200
	By month of arrival								
January	0	1	0	0	1	0	0	0	2
February	3	0	2	0	1	2	0	0	8
March	10	1	4	0	3	0	1	3	22
April	9	2	9	3	2	1	1	3	30
May	8	3	6	1	3	1	0	4	26
June	7	3	1	0	5	1	2	1	20
July	4	2	6	0	7	0	0	0	19
August	5	4	2	1	3	0	0	2	17
September	9	2	1	0	6	1	1	1	21
October	4	0	2	0	2	0	1	0	9
November	3	1	6	2	2	0	0	0	14
December	6	0	4	0	0	0	0	2	12
Total	68	19	43	7	35	6	6	16	200

1/ Includes: Albany, 2; Boston, 4; Charleston, S.C., 5; and Houston, 5.

2/ Includes: Ireland, 10; and Panama, 4.

Supplement to SUGAR STATISTICS, Volume II, for Mainland cane, Florida, Hawaii, Puerto Rico and Virgin Islands

This supplement brings to date Statistical Bulletin No. 244, "Sugar Statistics and Related Data," Volume II (revised), issued July 1963 as it relates to the Mainland cane Area, Florida, Hawaii, Puerto Rico, and the Virgin Islands. Some readers may want to transcribe the data appearing in this supplement to the tables in that bulletin. A cross-reference of the tables in this supplement to the corresponding tables in Volume II is shown below. Supplements to Volume II for Louisiana and the Domestic Beet Area appear in February and March 1964 issues of Sugar Reports, respectively.

Copies of S.B. 244 may be obtained upon request to the Information Division, Agricultural Stabilization and Conservation Service, U.S. Department of Agriculture, Washington, D.C., 20250.

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23	A	34	46	F	35	61	N	39
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28	E	35	50	A	34	66	A	34
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41	A	34	55	F	35	70	F	35
42	C	34	56	G	36	71	G	36
43	D	34	57	H	36	72	H	36
44	E	35	58	J	37	73	J	37
45	I	37	59	A	34			

A. Sugar production

Table in Vol. II and area	Crop year	Production		
		96° basis	Raw value	Refined equivalent 1/
			1,000 tons	
Table 23 Mainland cane area	1962		852	796
Table 41 Florida	1962-63		380	355
Table 50 Puerto Rico	1962-63	978	989	924
Table 59 Hawaii	1963		1,101	1,029
Table 66 Virgin Islands	1963		16	

1/ Raw value multiplied by 0.9346

B. Number of cane sugar mills in operation (Table 24)

Mainland cane area:		
Louisiana	1962	46
Florida	1962	10
Total		56

C. Farms and acreage of sugarcane

Item	Table 26 Mainland cane 1962	Table 42 Florida 1962-63
Farms (number)	2,524	111
Acreage harvested:		
For sugar (1,000 acres)	368.0	114.3
For seed " "	32.2	2.5
Total " "	400.2	116.8
Acreage abandoned " "	66.9	21.1
Acreage harvested per farm (acres)	158.6	1,052.0

D. Number of farms by size groups: sugarcane acreage planted 1/

Size group of planted acres	Table 27 Mainland cane 1962	Table 43 Florida 1962-63
0.1 - 4.9	200	
5.0 - 9.9	214	)
10.0 - 24.9	373	)15
25.0 - 49.9	462	)
50.0 - 99.9	496	14
100.0 - 199.9	357	15
200.0 - 499.9	281	34
500.0 and over	141	33
Total	2,524	111

1/ Acres harvested for sugar and seed, and bona fide abandoned acres.

E. Sugarcane production, yield, and sugar produced per ton of cane

Item		Table 28 Mainland cane 1962	Table 44 Florida 1962-63
Sugarcane production:			
For sugar	(1,000 tons)	9,365	4,050
For seed	" "	714	89
Total	" "	10,079	4,139
Yield of cane per harvested acre:			
For sugar	(tons)	25.4	35.4
For seed	"	22.2	35.4
Total	"	25.2	35.4
Sugar produced per ton of cane for sugar:			
pounds, raw value		182	
percent		9.10	

F. Sugar Act payments to cane growers

Table in Vol. II, crop, year and area	Producer-payees	Payments 1/ For sugarcane marketed	For acreage abandonment	For deficiency in yields	Total	Average payment Per farm 2/	Per cwt. sugar, raw value
	Number	Dollars					
Table 29 Mainland cane 1962	5,781	10,395,469	754,331	329,104	11,478,904	4,548	0.62
Table 46 Florida 1962-63	116	3,418,358	309,518	171,174	3,899,050	35,127	0.51
Table 55 Puerto Rico 1962-63	12,540	13,079,852	-	35,441	13,115,293	1,065	0.66
Table 64 Hawaii 1962	728	10,148,626	824	27,312	10,176,762	17,337	0.45
Table 70 Virgin Islands 1963	129	194,350	-	-	194,350	1,507	0.61

1/ Based on sugar commercially recoverable determined in accordance with the effective determinations issued pursuant to the Sugar Act.

2/ For number of farms, see Tables 26, 42, 52, 61 and 67 (Vol. II).

G. Value of raw sugar, molasses, and growers returns from sugarcane

Table in Vol. II, crop year and area	Value from sale 1/			Growers returns from sugarcane		
	Raw sugar	Molasses	Total	Processor payments 2/	Sugar Act payments 3/	Total
	1,000 dollars					
Table 30						
Mainland cane						
1961	108,508	7,169	115,677	70,623	10,860	81,483
1962	119,055	10,558	129,613	78,625	11,479	90,104
Table 47						
Florida						
1961-62	26,666	1,464	28,130	17,448	1,753	19,201
1962-63	57,076	3,596	60,672	36,371	3,899	40,270
Table 56						
Puerto Rico						
1960-61	139,602	7,346	146,948	85,817	14,939	100,756
1961-62 4/	130,154	6,927	137,081	80,396	13,630	94,026
1962-63 4/	160,051	10,463	170,514	102,035	13,115	115,150
Table 65						
Hawaii						
1963	171,309	9,951	181,260			
Table 71						
Virgin Islands						
1963	2,240	147	2,387	1,530	194	1,724

1/ Seasons' average prices of raw sugar and molasses multiplied by sugar and molasses production in each area.
2/ Seasons' average prices including molasses bonus paid by processors to growers multiplied by sugarcane production. 3/ Includes abandonment and deficiency payments. 4/ Estimated.

H. Growers returns per ton of sugarcane produced for sugar

Table in Vol. II, crop year and area	Basis of payment		Processor payments		Sugar Act payments		Total
	Raw sugar per pound 1/	Molasses per gallon	Sugar	Molasses	Sugar	Abandonment & deficiency	
	Cents		Dollars per ton				
Table 31							
Mainland cane							
1961			7.71		1.19	-	8.90
1962			8.40		1.11	0.12	9.63
Table 48							
Florida							
1961-62	6.412	13.0	8.35	0.22	0.86	2/	9.43
1962-63	7.510	15.5	8.69	0.29	0.84	0.12	9.94
Table 57							
Puerto Rico							
1960-61	5.77	10.979	7.55	0.43	1.39	-	9.37
1961-62 3/	5.93	11.676	7.86	0.46	1.41	-	9.73
1962-63 3/	7.67	17.000	9.43	0.65	1.29	0.01	11.38
Table 72							
Virgin Islands							
1962	5.919	10.500	6.93	0.36	1.21		8.50
1963	8.31	10.750	9.81	0.31	1.29		11.41

1/ Florida, seasons' average duty paid New York price; Puerto Rico and Virgin Islands, average of monthly New York duty paid price during the settlement period less selling and delivery expenses of processors.
2/ Less than 0.05 cent.
3/ Estimated

I. Manufacturing data

Table in Vol. II crop year and area	Cane ground for sugar	Sugar produced: 96° basis	Sugar produced: Raw value	Per ton of cane ground: 96° basis	Per ton of cane ground: Raw value	Sucrose content in cane: 96° basis	Sucrose content in cane: Raw value	Sucrose in normal juice	Purity of normal juice	Recovery of sucrose in raw sugar from sucrose in cane 1/
	1,000 tons			Pounds		Percent				
Table 45										
Florida										
1962-63	4,050		380		188		9.38	11.07	13.16	81.49	77.11
Table 63										
Hawaii										
1961	9,595		1,092		228		11.38	12.68			84.97
1962	9,844		1,120		228		11.38	12.78			84.81
1963	10,034		1,101		219		10.97	n.a.			n.a.
Table 69										
Virgin Islands										
1963	151,200 2/	15,639 2/	15,832 2/	207	209	10.34	10.47	12.78 3/	15.91	81.57	77.70

1/ Sucrose recovered in sugar divided by total sucrose in cane.
2/ Tons.
3/ The sum of sucrose in mixed juice and sucrose in bagasse.

J. Total returns from sugarcane and molasses: distribution between growers and processors 1/

Table in Vol. II crop year and area	Total returns excluding Government payments: Grower	Total returns excluding Government payments: Processor	Total returns including Government payments 2/: Grower	Total returns including Government payments 2/: Processor
	Percent			
Table 49				
Florida				
1961-62	62	38	64	36
1962-63	60	40	62	38
Table 58				
Puerto Rico				
1961-62 3/	59	41	62	38
1962-63 3/	60	40	63	37
Table 73				
Virgin Islands				
1963	64	36	67	33

1/ Payments received by growers divided by value of sugar and molasses.
2/ Includes abandonment and deficiency payments.
3/ Estimated.

K. Farms, acreage, sugarcane production and yield, Puerto Rico (Table 52)

Crop year	Farms	Acreage of cane growing 1/	Acreage harvested	Sugarcane produced	Yield of cane per harvested acre	Acreage of cane growing per farm
	Number	1,000 acres		1,000 tons	Tons	Acres
1961-62	13,157	338.3	308.6	9,663	31.3	25.7
1962-63	12,317	336.9 2/	303.0	10,123	33.4	27.4 2/

1/ About one-third of crop is 18 months growth and two-thirds is 12 months growth.

2/ Estimated

L. Number of farms by size groups: sugarcane acreage harvested, Puerto Rico (Table 53)

Crop year: 1962-63

Size groups of harvested acres	Number of farms
0.1 - 5.0	6.962
5.1 - 10.0	2,124
10.1 - 15.0	914
15.1 - 25.0	757
25.1 - 50.0	711
50.1 - 100.0	360
100.1 - 150.0	148
150.1 - 200.0	89
200.1 - 250.0	60
250.1 - 500.0	133
500.1 - 750.0	32
750.1 - 1,000.0	5
1,000.1 - 1,500.0	8
1,500.1 - 2,000.0	5
2,000.1 - 3.000.0	4
3,000.1 and above	5
Total	12,317

M. Manufacturing data, Puerto Rico (Table 54)

Crop year: 1962-63

Cane ground for sugar	(1,000 tons)	10,123
Sugar produced:		
96° basis	"	978
Raw value	"	989
Per ton of cane ground:		
96° basis	(pounds)	193
Raw value	"	195
96° basis	(percent)	9.665
Raw value		9.77
Sucrose content in cane	"	11.56
Crusher juice sucrose	"	15.05
Crusher juice purity	"	81.62
Recovery of sucrose in raw sugar from sucrose in cane 1/	"	80.26

1/ Ninety-six percent of sugar produced (96° basis) per ton of cane ground divided by sucrose content in cane.

N. Farms, Acreage, and Sugarcane production, Hawaii (Table 61)

Crop Year	Farms	Cane Acreage		Sugarcane Production	
		Growing	Harvested	Total	Per harvested acre
	No.	1,000 Acres		1,000 tons	Acres
1962 1/	587	228.9	108.6	9,844	90.6
1963	N. A.	231.3	107.4	10,034	93.4

1/ Estimated

O. Farms, Acreage, Sugarcane production and yield, Virgin Islands (Table 67)

Crop Year	Farms	Acreage harvested	Sugarcane produced	Yield of cane harvested per acre	Acreage harvested per farm
	No.	Acres	Tons		Acres
1963	129	4,288	151,200	35.3	33.2

P. Number of farms by size groups: Sugarcane acreage harvested, Virgin Islands (Table 68)

Crop year: 1963

Size Group of harvested acres	Number of farms
0.1 - 1.0	19
1.1 - 2.0	30
2.1 - 3.0	14
3.1 - 5.0	20
5.1 - 10.0	19
10.1 - 15.0	7
15.1 - 50.0	15
50.1 and above	5
Total	129

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